



**PORTABLE DIGITAL LCD TV
AXN-8705**



USER'S MANUAL

Introduction

Congratulations on purchasing your Portable Digital TV.

On June 12, 2009 the conversion to digital television broadcasting will be complete throughout the United States and Puerto Rico. Your portable digital television is designed to pick up both the older analog signals as well as the new digital signals. In addition, you can use your digital TV to view movies from a VCR or DVD player.

Use your portable digital TV at work or take it on vacation and relax with your favorite TV programs anywhere. Please read these instructions carefully to get the most from your new digital TV.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Important Safety Instructions



WARNING: To reduce the risk of fire or electric shock. DO NOT expose this product to rain or moisture.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



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- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
 - 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
 - 15) Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
 - 16) CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
 - 17) Warning: the battery pack or batteries installed shall not be exposed to excessive heat such as sunshine, fire or the like.
 - 18) Install in accordance with the manufacture's instructions. Do not use any cover over the TV, or enclose the AC/DC adapter, with any objects like a cloth or box which blocks the vents. This will cause the TV to overheat and present a fire hazard. Always leave sufficient space around the product for ventilation.
 - 19) Apparatus does not have wall/ceiling mount function.

The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

WARNING

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Refer to service manual for servicing instructions. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

The images in this manual are only for reference and they may be different from the actual ones.

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna on the affected receiver.
- Increase the separation between this device and the receiver. Connect this device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- This Class B digital apparatus complies with Canadian ICES-003.

Accessories

The Following Items Are Included With Your TV.

1. TV Unit
2. AC Adapter
3. Telescoping Antenna
4. External Antenna
5. Remote Control
6. Audio/Video Cable
7. Antenna Connector
8. Instruction Manual

NOTE: The Telescoping Antenna comes attached to the unit.

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Getting Started

Controls Inputs&Outputs

Front panel and side panels



1. Portable receiving antenna (the antenna jack can plug the accessory antenna)
2. Front panel buttons (include Ok, Cursor up, Cursor down, Cursor left, Cursor right, Menu, Mode, 16:9/4:3)
3. LCD Screen
4. Infrared remote receiver
5. Headphone jack
6. Video input and audio input jack
7. Power supply jack
8. Speakers
9. LED Indicators (Red, Green, Blue)

The states are shown as:

Getting Started

Red – Device turns off and charge battery.

Blue –Device turns off and charge battery full.

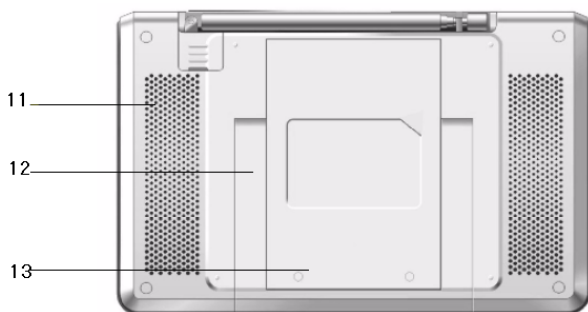
Green –Device turns on and battery not charges.

Green, red –Device turns on and charge battery.

Green, blue –Device turns on and charge battery full.

10. Power key

Rear panel



11. Cooling holes

12. Stand

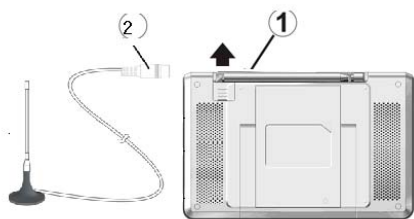
13. Li-ion battery cover

Antenna

The TV unit is supplied with a telescoping antenna that will provide good reception in most situations. Be sure to keep the TV stationary when trying to receive a signal. Any movement of the TV can result in loss of the digital signal.

Note: You can also connect your own antenna cable to any suitable TV antenna or cable system to improve reception. For Cable TV, see section **Channel Setup** for setting the antenna option to Cable.

Getting Started



Your device is also supplied with an external antenna that can be located at a short distance away from the TV to improve reception.

Simply remove the telescoping antenna by positioning the antenna vertical to the TV and gently pull up. Insert the external antenna plug and position the antenna for best reception.

AC Power Adapter

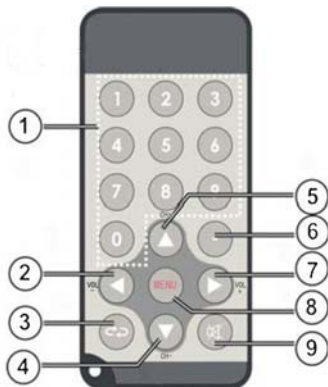
The TV unit is supplied with a 120V AC Power Adapter for charging the internal battery and for powering the unit. Plug the adapter into the wall socket and plug the small DC plug into the DC jack adjacent to the power switch.

About Rechargeable Battery

Your portable TV device comes with a built-in rechargeable Lithium-Ion battery. Charge the battery fully before initial use. Charging time is normally about 3 hours. A fully charged battery delivers about 2 hours to use.

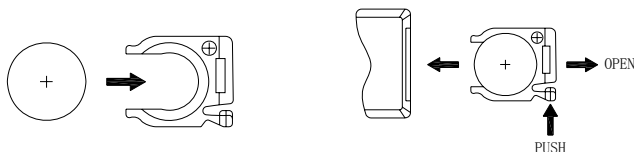
- When charging the battery, the charge light will turn red. When charging is complete, the light will turn blue.
- When the battery is weak, an indication symbol will appear on the LCD screen and the unit will power off automatically after a few minutes.

Remote Control



Getting Started

NUM	Description
1	0-9 Number buttons: To change the channel and to select individual menu options.
2	Volume Down ◀: Move left/change settings in menus. Decrease the volume level in viewing mode.
3	Return button (return to the last channel): To exit a selection or to close the menu.
4	Channel Down ▼: Move down in the menus and change to the previous channel in viewing mode.
5	Channel Up ▲: Move up in the menus and change to the next channel in viewing mode.
6	Character button: to connect the channel no. e.g.: 1-1
7	Volume Up ▶: Move right/change settings in menus. Increase the volume level in viewing mode.
8	Menu: To go back one level at a time within menus. To open/close the menus.
9	Mute: Press once to turn the sound off/on (mute/unmute).



! If the remote controller does not operate properly, you may need to replace the battery. When the remote controller is not being used for extended periods of time, remove the battery to avoid possible damage from battery leakage.

Caution: The remote control uses a CR2025 button battery. Do not recharge, disassemble, or heat the battery. Misuse of the battery may result in leakage that will damage the remote control.

Getting Started

External DVD or VCR Connection

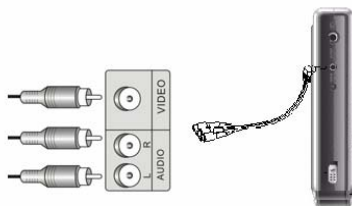
You can also use the TV to display a program using a DVD player or VCR.

Use the included AV cable and connect as shown.

Pay careful attention to the color codes.

Yellow is for the video signal.

The Red and White plugs are for the audio right and left.



Note: To change from broadcast TV mode to external Audio/Video mode.

Connecting to Earphones



You may connect stereo earphones to the headphone jack for private listening.

When earphones are connected, the speakers will automatically turn off.

Caution:

Loud volume can damage your hearing.

Decrease the volume before connecting earphones, and then raise the volume back to a comfortable level.

Display Options & Channel Setup

Use the on-screen menus to adjust the picture, audio, channels and other functions.

Navigate the menus with the navigation buttons on the front of the TV or the Remote Control.

Press **MENU** to enter the setup modes. Press **MENU** again to go back or exit the menu.

Picture Menu

Press the ◀ ▶ buttons to select .

Press the ▼ button to enter .

Press the ▲ ▼ buttons to select the desired sub-menu.



Source

Press the ▲ ▼ buttons to select **Source** and press the ▶ button to enter the **Source** sub-menu. Press the ▲ ▼ buttons to select TV or AV (Audio / Video). Wait several seconds for the mode to change before exiting the menu.



Picture Mode

Press the ▲ ▼ buttons to select **Picture Mode**.

Press the ◀ ▶ buttons to select Personal, Standard, Dynamic or Soft picture quality.

Contrast (Brightness/Color)

Press the ▲ ▼ buttons to select **Contrast/Brightness/Color** and press the ◀ ▶ buttons to adjust the value.


Press **MENU** button to return to the previous menu.

Power Level

The item shows 100 percent of power level when connecting the power adapter and shows the current battery capacity when unplugging the power adapter.

Display Options & Channel Setup

Audio Menu

Press the ◀ ▶ buttons to select .

Press the ▼ button to enter.

Press the ▲ ▼ buttons to select the desired sub-menu.



Balance

Press the ▲ ▼ buttons to select **Balance**.

Press the ◀ ▶ buttons to adjust the level.

Prefer Language

Press the ▲ ▼ buttons to select **Prefer Language**. This is your preferred language that will be chosen when a station transmits in more than one language. It applies to all channels.

Press the ◀ ▶ buttons to make your selection.

Note: This item is only available under ATSC signal mode.

Audio Language

Press the ▲ ▼ buttons to select **Audio Language**. This is the language you select for the station you are currently on if a station transmits in more than one language. It applies to all channels.

Note: This item is only available under ATSC signal mode.

Time Menu

Press the ◀ ▶ buttons to select .

Press the ▼ button to enter.

Press the ▲ ▼ buttons to select the desired sub-menu.



OSD Duration

Press the ▲ ▼ buttons to select **OSD Duration**. This is the time duration of menus to remain on the screen.

Press the ◀ ▶ buttons to select 15, 30, 45, or 60 seconds.

Display Options & Channel Setup

Time Zone

Press the ▲▼ buttons to select **Time Zone**.

Press the ◀▶ buttons to select the desired time zone.

Note: This item is only available under ATSC signal mode.

Day Saving Time

Press the ▲▼ buttons to select **Day Saving Time**. This will automatically adjust the internal clock when Daylight Savings Time is in effect. If your region does not observe Daylight Savings Time, turn this feature off.

Press the ◀▶ buttons to select ON or OFF.

Note: This item is only available under ATSC signal mode.

Clock

When a digital signal is present, choosing this option will display the system time.

Options Menu

Press the ◀▶ buttons to select .

Press the ▼ button to enter.

Press the ▲▼ buttons to select the desired sub-menu.



Language

Press the ▲▼ buttons to select Language and press the ◀▶ buttons to select desired language.

Transparency

Press the ▲▼ buttons to select **Transparency** and press the ◀▶ buttons to select On or Off.

Color Mode

Press the ▲▼ buttons to select **Color Mode**.

Press the ◀▶ buttons to select Normal, Warm, or Cool.

Zoom Mode

Press the ▲▼ buttons to select **Zoom Mode**. Press the ◀▶ buttons to select 4:3, Wide, or AUTO (AUTO is a special selectable item for ATSC signal mode).

Display Options & Channel Setup

Closed Caption

Press the ▲▼ buttons to select **Closed Caption** and press the ► button to enter the submenu.

Press ▲▼ buttons to select desired submenu.



CC Mode

Press the ▲▼ buttons to select **CC Mode**.

Press the ◀▶ buttons to turn closed captioning ON or OFF.

Basic Selection

Press the ▲▼ buttons to select **Basic Selection**.

Press the ◀▶ buttons to select CC1, CC2, CC3, CC4, Text1, Text2, Text3 or Text4.

Advanced Selection

Press the ▲▼ buttons to select **Advanced Selection** and press the ◀▶ buttons to select Service1, Service2, Service3, Service4, Service5 or Service6.

Note: the item is only available under ATSC signal.

Restore Setting

Press the ▲▼ buttons to select **Restore Setting**.

Press the ► button to enter the submenu.

To reset all settings including channel settings to factory defaults, press ◀▶ buttons to select "YES"

Caution: This will erase all settings and channel scans.

Press "OK" button to reset.

To keep current settings, select "NO" and press the **MENU** button to cancel and return.

Display Options & Channel Setup

Channel Setup

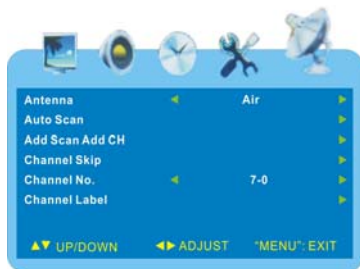
Each region has different broadcast channels. Your portable TV will scan for all the channels in the area and remember each location. You can then go through and add or delete channels individually as you prefer. When completed, pressing the up / down channel buttons will take you through all of your selected channels in sequence.

Note: If you scan for broadcast channels (Air) and then switch to Cable TV, you will need to re-scan. Your TV tuner can receive both analog and digital signals.

Press the ◀ ▶ buttons to select .

Press the ▼ button to enter to sub-menu.

Press the ▲ ▼ buttons to select the desired sub-menu.




Antenna / Cable

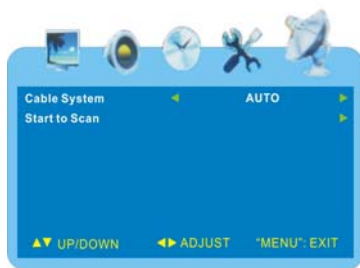
Press the ▲ ▼ buttons to select **Antenna**.

Press the ◀ ▶ buttons to select CATV or Air.

In the Air position, you can use the telescoping antenna or another external antenna to pick up broadcast signals. See **Cable System** submenu for CATV settings.

Auto Scan

1. Press **MENU**.
2. Navigate across using ▶ to select .
3. Next navigate down using CH- to **AUTO SCAN**. Once green box is highlighted, press ▶.
4. Press ▶ to **START TO SCAN**.



Cable System

For cable stations, first set Antenna to CATV as above and then proceed as follows:

Press the ▲ ▼ buttons to select **Cable System** and press the ◀ ▶ buttons to select **AUTO**, **STD**, **IRC**, **HRC**.

Note: this item is only enabled when Antenna is set to CATV.

Display Options & Channel Setup

Start to Scan

Press the ▲▼ buttons to select **Start to Scan**. Press the ► button to start scan.

The unit will automatically memorize the available channels in sequence. When completed the unit will tune the first scanned channel. To stop scanning, press **Menu**.

Auto Scan Add CH

Press the ▲▼ buttons to select **Auto Scan Add CH**. This will search for any new channels that were not previously found.

Press the ► button to enter the menu (refer to the item "Auto Scan")



Channel Skip

To delete channels, follow these steps:

Press the ▲▼ buttons to select **Channel Skip** and press the ► button to enter the menu as shown right:

In this menu, press the ▲▼ buttons to select the channel you want to skip and press the ◀▶ buttons to select On or Off.

Press the **MENU** button to return to the previous menu.



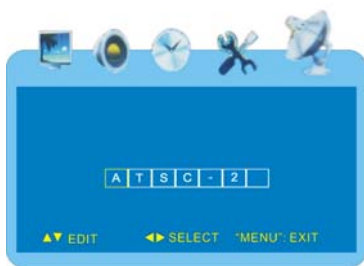
Channel No.

Press the ▲▼ buttons to select **Channel No.** and press the ◀▶ buttons to select channel number.

Channel Label

Press the ▲▼ buttons to select **Channel Label**.

Press the ► button to enter the menu.



In this menu, press the ◀▶ buttons to highlight position and press the ▲

▼ buttons to select the desired character or symbol to edit the Channel name.

Press the **MENU** button to return to the previous menu.

Troubleshooting

Before contacting customer service, review the steps below to solve simple problems. If you still suspect something wrong with this unit, immediately turn the power off, disconnect the power connector from the unit, and contact Customer Service.

Never try to repair the unit yourself.

Problem	Possible Cause	Possible Solution
No Signal	No broadcast signals in the area or signals too weak	Change location or try a more powerful antenna
	Unit set to receive CATV signal	Check antenna selection.
	Unit is in motion or handheld	Place unit on a stationary surface.
	Signal is obstructed by buildings or other materials	Change location or antenna orientation
	Channel selected is unavailable	Change channel
	Source is set to AV and no DVD or VCR is connected.	Check source menu setting
No Sound	Volume is turned down	Check volume
	Audio language setting is not correct	Check audio language

Troubleshooting

Remote Control Does Not Work	Remote control is out of range	Point remote control directly at front of TV no more than 15 feet away
	Weak battery	Replace CR2025 battery

Problem	Possible Cause	Possible Solution
No Display	Power switch is off or power adapter is not connected properly	Check power switch and power adapter connection
	Weak battery	Charge battery with power adapter

Other possibilities

Static or other external interference may cause the unit to function abnormally. In order to reset normal status, turn off the unit and unplug the power supply and try again. If the problem is still present, turn off the unit, disconnect the power supply and consult a qualified technician.

Specifications

TFT screen size 7 inches
 Resolution 480 x 234
 Receiving systems ATSC / QAM / NTSC-M system
 Full Frequency Range 54MHz ~ 863MHz

AC Power Adapter.....Input: 100-120V AC 50/60Hz 1A
Output: 12V DC 1.5 A or above
 Power Consumption..... < 18 W
 Dimensions (H, W, D)..... 8.3×5.3×1.1 inches

America Action, Inc. ("AXN") Product Warranty Information

What the warranty covers:

America Action, Inc. ("AXN") warrants your AXN products against defects in material and workmanship during the warranty period from the original date of purchase, subject to the following terms and conditions. If a product proves to be defective in material or workmanship during the warranty period, AXN will, at its discretion, repair or replace the product with a similar product provided the purchaser adheres to certain return authorization procedures and guidelines.

How long the warranty is effective:

AXN products are warranted for one (1) year for parts and ninety (90) days for labor, starting from the original date of purchase/invoice.

What brand(s) can be covered under the warranty:

Any "ACTION" and "AXION" branded products sold by America Action, Inc.

Whom the warranty protects:

The warranty is valid only for the original purchaser within the continental of USA.

What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
 - A. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
 - B. Repair or attempted repair by anyone not authorized by AXN.
 - C. Any damage of the product due to shipment.
 - D. Removal from or installation to the product.
 - E. Causes external to the product, such as electric power fluctuations or failure.
 - F. Use of supplies or parts not meeting AXN's specifications.
 - G. Normal wear and tear.
 - H. Battery Leakage.
 - I. Any other cause which does not relate to a product defect.
3. Cosmetic damage by purchaser, such as markings, discoloration, scratches, dents, gouges or any other defacement.
4. Physically damaged products by purchaser, such as broken PCB, Housing, damaged LCD

Module.

5. No Defect Found (product returned to AXN as defective but failure is not duplicated by AXN's test method).

6. Customer instruction, installation, set up adjustments, or signal reception problems.

7. Rechargeable batteries.

8. Product without proof of purchase. (The proof of purchase should be one of the following documents: purchase receipt, gift receipt, sales invoice, and packing list that contains the product model number, price, vendor, and purchase date.)

9. Ninety (90) days after the original purchase date of the AXN product, the customer is responsible for the shipping fees incurred for the product delivery to and from AXN service center.

How to get service:

1. For additional information on obtaining an extended warranty service, contact your AXN dealer or AXN's Customer Service Department by e-mailing to

customerservice@axionzone.com

To obtain warranty service, you will be required to do one of the following: fill out an online [RMA Request Form](#), print the form, fill it out and fax it to 1-909-869-5545, or call AXN's Customer Service number at 1-909-869-6600. You will be asked to provide the following information:

A. Customer information (name, day-time phone number, and/or residential address).

B. Proof of your purchase (purchase receipt, gift receipt, sales invoice, and/or packing list).

C. Product model number.

D. Product serial number.

E. A description of the problem.

F. Payment information (If any payment is required, you will be asked to provide this

information beforehand. Currently, we only accept personal check, money order or cashier's

check. The time for us to clear a personal check is approximately 20 days; 10 days for any money order or cashier's check.

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2. AXN will contact the customer upon receipt of the RMA Request Form, and will issue an RMA number if the RMA Request Form is completed and delivered as requested.
 3. Please take or ship RMA product to AXN or any AXN authorized service center with RMA number clearly and marked on the outside of the packing. All RMA products should be returned in secured packaging, preferably in the original package, with the complete set of accessories. We recommend that you insure the package in case of loss or damage during shipping.
 4. Upon receiving the RMA product, if the correct RMA number is clearly marked on the packaging, and if the repair payment is pre-paid or is enclosed with the package, depending on the condition of the defects, AXN will repair or replace all RMA products, and ship the product back to the customer.
 5. For additional information or the name of the nearest AXN service center, please contact your AXN dealer or AXN Customer Service.

Before contacting us:

In many cases, your product may not need repair. Before contacting us, please consult the troubleshooting section in your user's guide or AXN's FAQ webs page to see if you can easily remedy the problem yourself.

AXN technical support services:

During the period of product warranty, we support your basic configuration, setup and troubleshooting questions; and when necessary, we will provide you with all the instructions on how to return your product for repair.

For customer service and support inquiries, please call 1-909-869-6600 or e-mail us at

customerservice@axionzone.com

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. AXN SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

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